



**US Army Corps
of Engineers**
Construction Engineering
Research Laboratory

USA-CERL INTERIM REPORT P-88/15, VOL. II
MAY 1988

DTIC FILE COPY

AD-A196 249

Facilities Engineering Management System Study

Volume II: Directorate of Engineering and Housing Tasks and Systems Used

by
Simon S. Kim
David M. Bailey
Joyce Baird
Michael J. Binder
Roger L. Brauer
Steven D. Friederich
William D. Goran
Sine L. Hill
R. Marvin Marlatt

DTIC
ELECTE
JUN 15 1988
S D

The U.S. Army Construction Engineering Research Laboratory (USA-CERL) is conducting an indepth study of the Facilities Engineering Management System (FEMS), a system developed to manage and maintain the Army's real property.

In the first phase of this study, reported here, researchers gathered information to define the current automation status of Directorates of Engineering and Housing (DEHs). A series of questionnaires on Army standard, nonstandard, and user-developed ("home-grown") automated data processing packages was sent to DEHs at 80 installations. Volume I presents the results of the survey. Volume II lists, by division, the major tasks performed by the Army installation DEHs and identifies the automated systems or applications used to support those tasks.

Approved for public release; distribution is unlimited.

88 6 11 102

Unclassified

SECURITY CLASSIFICATION OF THIS PAGE

Form Approved
OMB No 0704 0188
Exp Date Jun 30 1986

REPORT DOCUMENTATION PAGE

1a REPORT SECURITY CLASSIFICATION Unclassified			1b RESTRICTIVE MARKINGS		
2a SECURITY CLASSIFICATION AUTHORITY			3 DISTRIBUTION / AVAILABILITY OF REPORT Approved for public release; distribution is unlimited.		
2b DECLASSIFICATION / DOWNGRADING SCHEDULE			5 MONITORING ORGANIZATION REPORT NUMBER(S)		
4 PERFORMING ORGANIZATION REPORT NUMBER(S) USA-CERL IR P-88/15, VOL. II			7a NAME OF MONITORING ORGANIZATION		
6a NAME OF PERFORMING ORGANIZATION U.S. Army Construction Engr Research Laboratory		6b OFFICE SYMBOL (If applicable)	7b ADDRESS (City, State, and ZIP Code)		
6c ADDRESS (City, State, and ZIP Code) P.O. Box 4005 Champaign, IL 61820-1305		9 PROCUREMENT INSTRUMENT IDENTIFICATION NUMBER FAD 88-080037, November 1987			
8a NAME OF FUNDING / SPONSORING ORGANIZATION Engineering and Housing Support Center		8b OFFICE SYMBOL (If applicable) CEHSC-F	10 SOURCE OF FUNDING NUMBERS		
8c ADDRESS (City, State, and ZIP Code) Fort Belvoir, VA 22060		PROGRAM ELEMENT NO.	PROJECT NO.	TASK NO.	WORK UNIT ACCESSION NO.
11 TITLE (Include Security Classification) Facilities Engineering Management System Study Volume II: Directorate of Engineering and Housing Tasks and Systems Used (U)					
12 PERSONAL AUTHOR(S) Kim, Simon S.; Bailey, David M.; Baird, Joyce; Binder, Michael J.; (cont'd)					
13a TYPE OF REPORT interim		13b TIME COVERED FROM _____ TO _____		14 DATE OF REPORT (Year, Month, Day) 1988, May	
15 PAGE COUNT 135					
16 SUPPLEMENTARY NOTATION Copies are available from the National Technical Information Service Springfield, VA 22161					
17 COSATI CODES			18 SUBJECT TERMS (Continue on reverse if necessary and identify by block number)		
FIELD	GROUP	SUB-GROUP	FEMS Army Facilities, Information Management, Real Property, (SES) Facilities Engineering Management System,		
05	02				
19 ABSTRACT (Continue on reverse if necessary and identify by block number)					
<p>The U.S. Army Construction Engineering Research Laboratory (USA-CERL) is conducting an indepth study of the Facilities Engineering Management System (FEMS), a system developed to manage and maintain the Army's real property.</p> <p>In the first phase of this study, reported here, researchers gathered information to define the current automation status of the Directorates of Engineering and Housing (DEHs). A series of questionnaires on Army standard, nonstandard, and user-developed ("home-grown") automated data processing packages was sent to DEHs at 80 installations. Volume I presents the results of the survey. Volume II lists, by division, the major tasks performed by the Army installation DEHs and identifies the automated systems or applications used to support those tasks. <i>Keywords:</i></p>					
20 DISTRIBUTION / AVAILABILITY OF ABSTRACT <input type="checkbox"/> UNCLASSIFIED/UNLIMITED <input checked="" type="checkbox"/> SAME AS RPT <input type="checkbox"/> DTIC USERS			21 ABSTRACT SECURITY CLASSIFICATION Unclassified		
22a NAME OF RESPONSIBLE INDIVIDUAL Gloria Wienke			22b TELEPHONE (Include Area Code) (217) 352-6511 x 353		22c OFFICE SYMBOL CECER-INT

Unclassified

Block 12. (Cont'd)

Brauer, Roger L.; Friederich, Steven D.; Goran, William D.; Hill, Sine L.;
Marlatt, R. Marvin

Unclassified

FOREWORD

This research was performed for the Facilities Engineering Division (now part of the Engineering and Housing Support Center), Office of the Assistant Chief of Engineers (OACE) using Operations and Maintenance, Army (OMA) funds supplied under Funding Authorization Document (FAD) 88-080037, dated November 1987. The Technical Monitor was Mr. Homer Musselman, CEHSC-F.

The work was performed by a study team composed of researchers from the Facility Systems, Engineering and Materials, Energy Systems, and Environmental Divisions of the U.S. Army Construction Engineering Research Laboratory (USA-CERL). The following individuals provided valuable input throughout preparation of the draft report: Ms. Linda McCarthy; Ms. Karna Bleich; and Dr. Ray Oldakowski, Project Coordinator at the University of Illinois Survey Research Laboratory. The Technical Editor was Gloria J. Wienke, USA-CERL Information Management Office.

COL Norman C. Hintz is Commander and Director of USA-CERL and Dr. L. R. Shaffer is Technical Director.

Accession For	
NTIS CRA&I	<input checked="checked" type="checkbox"/>
DTIC TAB	<input type="checkbox"/>
Unannounced	<input type="checkbox"/>
Justification	
By	
Distribution /	
Availability Codes	
Dist	Avail. and/or Special
A-1	

CONTENTS

	Page
DD FORM 1473	1
FOREWORD	3
1 INTRODUCTION.....	5
Background.....	5
Objective.....	5
Approach.....	5
Mode of Technology Transfer.....	6
2 DIRECTORATE OF ENGINEERING AND HOUSING	
TASK ANALYSIS.....	7
Office of the Director.....	8
Troop Operations Office.....	10
Administrative Services Office.....	15
Environmental Management Office.....	19
Engineer Resources Management Division.....	25
Engineering, Plans and Services Division.....	45
Supply and Storage Division.....	61
Buildings and Grounds.....	69
Utilities Division.....	79
Fire Protection Division.....	91
Housing Division.....	108
DISTRIBUTION	

**FACILITIES ENGINEERING MANAGEMENT SYSTEM STUDY
VOLUME II: DIRECTORATE OF ENGINEERING AND
HOUSING TASKS AND SYSTEMS USED**

INTRODUCTION

Background

The Facilities Engineering Management System (FEMS) is the methodology by which Headquarters, Department of the Army, the major commands, and installations maintain and manage the Army's real property.

An interdivisional study group of U.S. Army Construction Engineering Research Laboratory (USA-CERL) researchers was organized to conduct an indepth study of the system. The selected researchers were actively involved with projects affecting various aspects of Army Installation Directorates of Engineering and Housing (DEHs). The mission was to examine all aspects of the system, including automation support.

The overall study goals were to describe how the Facilities Engineering Management (FEM) process is conducted, how Facilities Engineering functions are actually carried out in relationship to regulatory guidance, and to determine what changes are needed in each functional area.

The DEH Automation Survey was one of the major activities of the study during Fiscal Year (FY) 86. The FY87 activities included: (1) visiting selected installations and analyzing data collected during the visits, (2) documenting the FEMS as it currently exists, and (3) providing recommendations for future improvements.

Objective

The objective of this segment of the study was to define the DEHs' current automation status.

Approach

A series of questionnaires was developed to gather information pertaining to the Army standard, nonstandard, and user-developed ("home-grown") automated data processing (ADP) packages or applications that the DEHs use to perform their jobs. The questionnaire package was sent to DEHs at 80 installations. Survey results are presented in Volume I.

A Task Reference List, compiled from Army Regulation (AR) 5-3 and Department of the Army Pamphlet (DA PAM) 570-551 was included in the questionnaire package. This volume lists, by division, the major tasks performed by the Army installation DEHs and identifies the automated systems used to support those tasks.

Mode of Technology Transfer

The Facilities Engineering Management System Study Team will use the results of this survey to recommend modifications and improvements to the Facilities Engineering Management process at the Engineering and Housing Support Center, and to suggest implementation strategies.

2 DIRECTORATE OF ENGINEERING AND HOUSING TASK ANALYSIS

Volume II is sorted by division and tasks within each division. All the DEH tasks on the Task Reference Sheet in Appendix B of Volume I are listed to determine which Army standard, nonstandard, or home-grown systems are used to accomplish this task.

The discussion identifies the number of respondents who cited a standard, nonstandard, or home-grown system to accomplish the specific tasks. It also indicates which systems were ranked as helpful or not by the users as they perform their jobs.

An attempt has been made by the Study Team experts to match Wish Lists or desired systems to the specific FE tasks.

TASK: OA THE OTD TASKS

DIVISION: OFFICE OF THE DIRECTOR

RESULTS:

FORM A: STANDARD SYSTEMS

Fifty-four respondents cited 21 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

1391, ASSETS, ETIS, FEJE, JEMSMOD, FESS, FORWRD, IFDEP, IFS-1, PAX, PAXMAIL, STANFINS

The systems cited more than once and rated of little or no help included:

ADDS, DEIS, RPMAMOD, VIABLE

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Four respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Contract status reporting program.
- Professional office system.
- Job order request/individual job order listing.

SYSTEMS DESIRED:

Desired systems include:

- Work management system.
- Contract management system.
- Ethernet and or network with the mainframe at DOIM and the Research Development Center (RDC) at Monterey, CA.
- Access to rapid information, easily readable, that can quickly be assimilated in 10-15 seconds.
- Request for master plan automation.
- Gauge of customer satisfaction (RESPECT) by military unit.
- Energy consumption system by military unit vs. goal.
- System that provides individual productivity indexes.

TASK: OB OTHER

DIVISION: OFFICE OF THE DIRECTOR

RESULTS:

FORM A: STANDARD SYSTEMS

Four respondents cited 4 Standard Systems used to accomplish this task.

No system was cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 1A COORDINATION OF ENGINEER TROOP CONSTRUCTION PROGRAM

DIVISION: TROOP OPERATIONS OFFICE (TOO)

RESULTS:

FORM A: STANDARD SYSTEMS

34 respondents cited 11 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

ASSETS FEJE FESS FORWRD IFDEP IFS-1

FEMSMOD is the only system cited more than once and rated of little or no help.

FORM B: NON-STANDARD SYSTEMS

1 respondent identified one Non-Standard Systems used for this task. No system was cited more than once.

FORM C: HOME GROWN SYSTEMS

2 respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- A tracking system for troop construction projects.
- A tracking system for project costs.

SYSTEMS DESIRED:

Desired systems include:

- A critical path method of scheduling and project management.
- Expand above system to include time phased, total mobilization station Blocking, Bracing, Pallettes, Chains, and Tiedowns (BBPCT) requirements.
- A system to update (daily) the schedulers project schedule/status based on data found on L&E sheets.

TASK: 1B COORDINATION OF SUPPORT TO OFF-POST LOCATIONS

DIVISION: TROOP OPERATIONS OFFICE (TOO)

RESULTS:

FORM A: STANDARD SYSTEMS

10 respondents cited 9 Standard Systems used to accomplish this task. FEJE was the only system cited more than once and rated as helpful.

No system was cited more than once and rated of little or no help.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Desired systems include:

- Smart off-post needs to set up data-base for reserve center data.
- FESS would be useful to off-post operations because of the volume of supplies, materials & labor requested.

TASK: 1C COORDINATION OF MOBILIZATION & OTHER CONTINGENCY ACTIVITIES

DIVISION: TROOP OPERATIONS OFFICE (TOO)

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited an Army Standard System which is used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

2 respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- A system for the MOB planner to determine Blocking, Bracing, Palettes, Chains, and Tiedowns (BBPCT) time phased requirements.
- An application to assist MOB planners in determining the amount of BBPCTs to be stocked.

SYSTEMS DESIRED:

Desired systems include:

- A critical path method of scheduling and project management.
- Expand above system to include time phased, total mobilization station BBPCT requirements.

TASK: 1D COORDINATION OF SELF-HELP PROGRAMS IN TROOP AREAS

DIVISION: TROOP OPERATIONS OFFICE (TOO)

RESULTS:

FORM A: STANDARD SYSTEMS

10 respondents cited 6 Standard Systems used to accomplish this task. Only FESS was cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 1E POC FOR TENANT ACTIVITIES & OTHER CUSTOMERS

DIVISION: TROOP OPERATIONS OFFICE (TOO)

RESULTS:

FORM A: STANDARD SYSTEMS

11 respondents cited 8 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

FEJE FESS

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

1 respondent cited the use of a Home Grown Systems for this task. It is a tracking system for project costs.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 2A OFFICIAL MAIL DESK, FILES MAINTENANCE, & RECORDS MANAGEMENT

DIVISION: ADMINISTRATIVE SERVICES OFFICE

RESULTS:

FORM A: STANDARD SYSTEMS

Seventeen respondents cited 6 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

FORWARD, PAXMAIL

The system cited more than once and rated of little or no help included:

IFDEP

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Six respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Records management for Ambient Air quality and acoustic.
- Storage system for inspection results used to inventory and determine usage of POL products for the SPCC plan.
- A suspense control register.
- Incoming message log.
- Personnel statistic and management reporter.

SYSTEMS DESIRED:

Desired systems include:

- Micro access to an army regulation database.
- Communication with other STAMMIS systems.
- Maintenance of personnel records (TDY, awards).

**TASK: 2B PERSONNEL SUPPORT FOR TRAVEL, TRAINING, & TRANSPORTATION
REQUESTS**

DIVISION: ADMINISTRATIVE SERVICES OFFICE

RESULTS:

FORM A: STANDARD SYSTEMS

Three respondents cited 3 Standard Systems used to accomplish this task.

No system was cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- A filing system.
- Program to calculate labor/manhour, training information, and expenditure.

SYSTEMS DESIRED:

Desired systems include:

- Communication with other STAMMIS systems to easy process of travel/transportation orders, and awards.
- Automated TDY orders, travel and training budgeting.

TASK: 2C TIME & ATTENDANCE REPORTS, PERSONNEL ACTIONS, TRAINING & AWARD
PROGRAMS

DIVISION: ADMINISTRATIVE SERVICES OFFICE

RESULTS:

FORM A: STANDARD SYSTEMS

Nineteen respondents cited 10 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

FESS, FORWRD, SIDPERS

The systems cited more than once and rated of little or no help include:

IFDEP

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Four respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Payroll cost worksheet and graphics program.
- Workorder and service scheduler and tracking program.
- Manhour utilization activity reporting system.
- Personnel information accounting system.

SYSTEMS DESIRED:

Desired systems include:

- System for processing personnel awards and status.
- Manpower 1 and 2 tracking system.
- Timecards, sick leave/overtime analysis program.
- Travel and training budgeting system.
- Civilian strength analysis system.
- Labor costs program.
- Award dollar analysis system.

TASK: 2D OTHER

DIVISION: ADMINISTRATIVE SERVICES OFFICE

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited 1 Standard System used to accomplish this task.

No system was cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 3A OPERATES POLLUTION ABATEMENT PROGRAMS (AIR, WATER, AND AMBIENT NOISE)

DIVISION: ENVIRONMENTAL MANAGEMENT OFFICE (EMO)

RESULTS:

FORM A: STANDARD SYSTEMS

Twelve respondents cited four Standard Systems used to accomplish this task. The only system cited more than once and rated as helpful was ETIS.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Five respondents cited the use of Home Grown Systems for this task. They include:

- An Ambient Air Quality and Acoustics Information System.
- Volatile Organic Compound (VOC) Daily Report and Audit Trails.
- Water Pollution Abatement Information System.

SYSTEMS DESIRED:

It cannot be determined if desired systems are intended to support this task.

TASK: 3B HAZARDOUS AND TOXIC MATERIALS/WASTE MANAGEMENT

DIVISION: ENVIRONMENTAL MANAGEMENT OFFICE (EMO)

RESULTS:

FORM A: STANDARD SYSTEMS

Sixteen respondents cited two Standard Systems used to accomplish this task. The only system cited more than once and rated as helpful was ETIS.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Eleven respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Contract Status Report.
- Hazardous Waste Accumulation Site Inspection Forms (HWINSPEC).
- Environmental Documentation Log.
- Solvent Recycling Roster and Manifest Management - "SKMANFST".
- Pest Management Tracking System.
- PCB Transformer Tracking System.
- Hazardous Waste Management Program.
- GRASS - Program designed to overlay and analyze.
- Archaeological Sites Information System/Predictive.
- SAFHIS (TRACKER).
- DIESII - to compute MBTU's and other required information regarding energy consumption to date/and vs. goals.
- QUFE - to provide basic training and testing for hazardous work managers/handlers.
- PCB/FIBRE - an inventory of all electrical transformers with critical info on location, contents, etc. and an inventory of all test results conducted to date.
- Water Pollution Abatement Information System.

SYSTEMS DESIRED:

- A program for listing all asbestos products conditions, etc., for all installation buildings.
- Database that can store data, print it out in reports or spreadsheets, and provide statistical computations and analysis. Database must be useful for managing underground storage tanks, used oil analysis and records, asbestos in buildings, hazardous waste quarterly report, PCB annual records, groundwater analysis records, and air quality records.
- Asbestos management system.
- Underground storage tank database, asbestos management, HM/HW tracking .-
- Underground storage tank management program.
- Hazardous materials/hazardous wastes manifest audit system.

TASK: 3C HISTORIC/ARCHAEOLOGICAL PRESERVATION

DIVISION: ENVIRONMENTAL MANAGEMENT OFFICE (EMO)

RESULTS:

FORM A: STANDARD SYSTEMS

Three respondents cited three Standard Systems used to accomplish this task. No system was cited more than once, although each was rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Six respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- IGAS - interactive graphics analysis.
- Design schedule to track design projects.
- Hazardous Waste Management Program.
- GRASS - programs designed to overlay, analyze, and display maps.
- Archaeological sites information system/predictive model.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 3D

**MANDATORY COORDINATION POINT FOR REVIEW OF ENVIRONMENTAL
ASSESSMENT AND IMPACT STATEMENT**

DIVISION: ENVIRONMENTAL MANAGEMENT OFFICE (EMO)

RESULTS:

FORM A: STANDARD SYSTEMS

Fourteen respondents cited five Standard Systems to accomplish this task. ETIS was the only system cited more than once which was rated helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Five respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Hazardous Waste Management Program.
- GRASS - Programs designed to overlay, analyze, and display maps.
- Archaeological sites information system/predictive model.
- Hazardous Waste Accumulation Site Inspection Forms (HWINSPEC).
- Environmental documentation log.
- Solvent Recycling Roster and Manifest Management - "SKMANFST".

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 3E OIL AND HAZARDOUS SPILL MANAGEMENT

DIVISION: ENVIRONMENTAL MANAGEMENT OFFICE (EMO)

RESULTS:

FORM A: STANDARD SYSTEMS

Five respondents cited two Standard Systems used to accomplish this task. ETIS was the only system cited more than once which was rated helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Five respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Ambient Air Quality and Acoustics Information System.
- SAFHIS (TRACKER) - to determine location, type, amounts, of hazardous materials.
- DEISII - to compute MBTU's and other required information regarding energy consumption to date/and vs. goal.
- QUFE - to provide basic training and testing for hazardous work handlers.
- PCB/FIBRE - maintains an inventory of all electrical transformers with critical info on location, contents, etc. and inventory of all test results conducted to date.
- Water Pollution Abatement Information System.

SYSTEMS DESIRED:

- A system for automated spill reporting.

TASK: 3P INSTALLATION RESTORATION PROGRAM MANAGEMENT

DIVISION: ENVIRONMENTAL MANAGEMENT OFFICE (EMO)

RESULTS:

FORM A: STANDARD SYSTEMS

Three respondents cited three Standard Systems used to accomplish this task. None of these systems was cited more than once.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

One respondent cited the use of a Home Grown System for this task. It could not be described adequately from the response.

SYSTEMS DESIRED:

It cannot be determined if desired systems are intended to support this task.

TASK: 4A CONDUCTS RESOURCE MANAGEMENT

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

One hundred twenty-nine respondents cited 19 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

ASSETS, FEJE, FEMSMOD, FESS, FORWRD, HQIFS, IFDEP, IFS-1, PAXMAIL, PROPMOD, RPMAMOD, SAILS, STANFINS, VIABLE

FORM B: NON-STANDARD SYSTEMS

Eight respondents identified 3 Non-Standard Systems used for this task. CMIT, OP and WOT were cited more than once.

FORM C: HOME GROWN SYSTEMS

Twenty-seven respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Personnel Management, i.e. sick leave, overtime, etc.
- Resource Management, i.e., vehicles, shop equipment, labor.
- Resource prioritization.
- Manages IJO processes.
- Shop backlog reporting and comparisons.
- Document tracking, i.e., Service Orders.
- Tech Data Reports.
- Historical records for situation modeling, "what if" games, and decision making.
- Service Order management.
- SOO reports and information.
- Contract Status.

SYSTEMS DESIRED:

Desired systems include:

- WOT-DC.
- CMIT.
- A system to generate graphics for presentations and visual management tools, using plotters, 35mm slide producers, etc.
- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.
- ASSETS database with daily updating to feed IFS monthly, interactive with 4-PHASE.
- Relational data base containing information about work performed by the DEH to eliminate duplication of effort.
- Downloading capability of IFS/VIABLE data to a PC.

**TASK: 4B OTHER FISCAL SERVICES-FINANCIAL MANAGEMENT OF REIMBURSABLE
ACCOUNT/CUSTOMER**

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Fifty-three respondents cited 12 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

ASSETS, FEMSMOD, FESS, FORWRD, IFDEP, RPMAMOD, STANFINS, VIABLE

FORM B: NON-STANDARD SYSTEMS

Four respondents identified 2 Non-Standard Systems used for this task. CMIT, and OP were cited more than once.

FORM C: HOME GROWN SYSTEMS

Eight respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Provide contract costs.
- Analyze and graph programmed, actual, and deviation for all appropriations, accounts, and programs.
- Transfer data to and from Standard Systems.
- Illustrate funding contingencies.
- Budgeting and setting up accounts for new work projects.
- Estimate cost of shop backlog.
- Compute gas, electricity, and fuel oil monthly requirements from Energy Branch.
- Show actual and programmed costs by month of RPMA.

SYSTEMS DESIRED:

Desired systems include:

- PCs to maintain fund control and pertinent financial data.
- A system to maintain financial information on Family Housing.
- CMIT.
- ASSETS database with daily updating to feed IFS monthly, interactive with 4-PHASE.
- Applications program; i.e., spreadsheets, utilities analysis, tech data report, overtime analysis, plotting programmed and actual dollars.

TASK: 4C COORDINATION OF WORK PLAN AND PROGRAM ACTIVITIES OF DEH

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Forty-six respondents cited 12 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

ASSETS, FEJE, FEMSMOD, FESS, FORWRD, HQIFS, IFDEP, IFS-1, RPMAMOD, VIABLE

FORM B: NON-STANDARD SYSTEMS

Three respondents identified 3 Non-Standard Systems used for this task. None were cited more than once.

FORM C: HOME GROWN SYSTEMS

Twenty-seven respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Transfer data to and from Standard Systems.
- Track, analyze, and receive projects form unconstrained requirements to completion of work.
- Aids in preparation of Annual Work Plan.
- Estimate cost of shop backlog.
- Maintain records of borrowed military labor and equipment.
- Schedule and track new work.
- Manage documents and work control.
- Track shop performance.
- Provide listings of all requests and priority.

SYSTEMS DESIRED:

Desired systems include:

- Automated Annual Work Plan and Unconstrained Requirements Report.
- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.
- ASSETS database with daily updating to feed IFS monthly, interactive with 4-PHASE.
- Downloading capability of IFS/VIABLE data to a PC.

**TASK: 4D SCHEDULES CYCLICAL INSPECTIONS TO IDENTIFY MAINTENANCE AND
REPAIR REQUIREMENTS**

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Nineteen respondents cited 7 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FEMSMOD, IFDEP, IFS-1, RPMAMOD

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Four respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Tracks Work/Service Orders for cyclic maintenance.
- Tracks status of contracts.
- Schedules inspections.

SYSTEMS DESIRED:

Desired systems include:

- Downloading capability of IFS/VIABLE data to a PC.

TASK: 4E RECEIPT AND EVALUATION OF ALL FE WORK REQUESTS

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Seventy respondents cited 11 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FEEMS, FEJE, FEMSMOD, FESS, HQIFS, IFDEP, IFS-1, RPMAMOD, VIABLE

One system cited more than once and rated of little or no help include:

ASSETS

FORM B: NON-STANDARD SYSTEMS

Three respondents identified 3 Non-Standard Systems used for this task.

No system was cited more than once and rated as helpful.

FORM C: HOME GROWN SYSTEMS

Twelve respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Service/Work Order Tracking.
- Transfer data to Standard Systems.
- Prioritize and track maintenance and repair work orders.
- Maintains status of all requests and percentage of completion.
- Aids with annual work plan.
- Contract administration.

SYSTEMS DESIRED:

Desired systems include:

- Automated Annual Work Plan and Unconstrained Requirements Report.
- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.
- ASSETS database with daily updating to feed IFS monthly, interactive with 4-PHASE.
- Downloading capability of IFS/VIABLE data to a PC.
- Service Order System.
- Work Scheduling.

TASK: 4F DETERMINATION OF METHOD OF WORK (IN-HOUSE, TROOP, CONTRACT, SELF-HELP)

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Twenty-two respondents cited 9 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FEJE, FEMSMOD, IFDEP, IFS-1

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Eight respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- New work scheduling, management, obligations, commitments.
- IJO tracking.
- Annual work plan.
- Project status.

SYSTEMS DESIRED:

Desired systems include:

- Automated Annual Work Plan and Unconstrained Requirements Report.
- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.
- Obligation and commitment register system.
- Downloading capability of IFS/VIABLE data to a PC.

TASK: 4G COORDINATION OF ADMINISTRATION APPROVAL OF ALL WORK

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Thirty-four respondents cited 12 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FEJE, FEMSMOD, FORWRD, IFDEP, IFS-1, RPMAMOD

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Nine respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- New work scheduling, management, obligations, commitments.
- Annual work plan.
- Work order tracking and scheduling.
- IJO tracking and management.
- Project status.

SYSTEMS DESIRED:

Desired systems include:

- Automated Annual Work Plan and Unconstrained Requirements Report.
- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.
- Obligation and commitment register system.
- Downloading capability of IFS/VIALE data to a PC.

TASK: 4H PLANNING AND ESTIMATING OF WORK FOR INHOUSE FORCES

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Fifty-six respondents cited 10 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FEJE, FEMSMOD, FESS, FORWRD, IFDEP

One system was cited more than once and rated of little or no help:

RPMAMOD

FORM B: NON-STANDARD SYSTEMS

Two respondents identified 2 Non-Standard Systems used for this task. None were cited more than once.

FORM C: HOME GROWN SYSTEMS

Eight respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Project accomplishment and time accountability.
- New work scheduling, management, obligations, commitments.
- Price estimating by planner/estimators.
- Annual work plan.
- IJO tracking and management.

SYSTEMS DESIRED:

Desired systems include:

- Automated Annual Work Plan and Unconstrained Requirements Report.
- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.
- Obligation and commitment register system.

TASK: 4I **DEVELOPMENT AND COORDINATION OF MATERIAL EQUIREMENTS FOR WORK ORDERS**

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Forty-one respondents cited 10 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FEJE, FEMSMOD, FESS, IFS-1

The systems cited more than once and rated of little or no help include:

RPMAMOD

FORM B: NON-STANDARD SYSTEMS

Three respondents identified 2 Non-Standard Systems used for this task. WOT was cited more than once.

FORM C: HOME GROWN SYSTEMS

One respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

-Could not locate description.

SYSTEMS DESIRED:

Desired systems include:

-WOT-DC.

-CADD for resource management of Work Orders.

-Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.

-Downloading capability of IFS/VIABLE data to a PC.

TASK: 4J SCHEDULING OF ALL FE WORK

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Fifteen respondents cited 8 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FEJE, FEMSMOD, FESS, IFDEP

The systems cited more than once and rated of little or no help include:

RPMAMOD

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Eight respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Annual work planning.
- Work order tracking and management.
- IJO tracking and management.

SYSTEMS DESIRED:

Desired systems include:

- Automated Annual Work Plan and Unconstrained Requirements Report.
- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.

**TASK: 4K OVERSIGHT OF WORK RECORDING AND REPORTING ACTIVITIES OF THE
DIRECTORATE**

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Eighty-two respondents cited 11 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

ASSETS, FEJE, FEMSMOD, FESS, HQIFS, IFDEP, IFS-1, VIABLE

FORM B: NON-STANDARD SYSTEMS

Four respondents identified 3 Non-Standard Systems used for this task. WOT was cited more than once.

FORM C: HOME GROWN SYSTEMS

Twenty-two respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Work order tracking and management.
- Service order tracking and management.
- New work scheduling and management.
- Backlog summary.
- Borrowed military labor & equipment processing.
- Automated tech data reporting.
- Budget office reports i.e., COB, SOR, obligations, commitments.
- Annual funding program.

SYSTEMS DESIRED:

Desired systems include:

- WOT-DC.
- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.
- ASSETS database with daily updating to feed IFS monthly, interactive with 4-PHASE.
- System to provide performance information on employees from L and E cards.
- Obligation and commitment register system.
- Automated labor program.
- Downloading capability of IFS/VIABLE data to a PC.

TASK: 4L REVIEW, ANALYSIS AND RECOMMENDATION OF METHODS FOR IMPROVEMENTS

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Forty respondents cited 11 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FESS, IFDEP, IFS-1, STANFINS, VIABLE

Systems cited more than one and rated of little or no help include:

ASSETS, FEMSMOD, RPMAMOD

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Twelve respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Personnel office reports; i.e., sick leave, overtime.
- Work Order tracking and management.
- Service order tracking and management.
- New work scheduling and management.
- IJO tracking and management.
- Document preparation.
- Backlog summary.
- Project/contract reporting.

SYSTEMS DESIRED:

Desired systems include:

- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.
- ASSETS database with daily updating to feed IFS monthly, interactive with 4-PHASE.
- Downloading capability of IFS/VIABLE data to a PC.

TASK: 4M COORDINATION OF MANPOWER MANAGEMENT ACTIVITIES OF DEH

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Eleven respondents cited 7 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FEMSMOD, RPMAMOD

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Eight respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Work order scheduling, tracking and management.
- Service order scheduling, tracking and management.
- Project accomplishment and time accountability.
- Payroll cost estimates and actuals.
- 500 report summary.
- IJO scheduling, tracking and management.
- Calculation of manhours for QMFL Form 870.
- Calculation of fire flow on hydrants for DA Form 5384-R.
- Track training information for DA Form 5376-R.
- Track training expenditures (schools, classes, etc.).
- Track supply requests.

SYSTEMS DESIRED:

Desired systems include:

- System to provide performance information on employees from L and E cards.

TASK: 4N INTERNAL ADP SYSTEMS SUPPORT

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Thirty-eight respondents cited 13 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

ASSETS, FEJE, FEMSMOD, FESS, IFDEP, IFS-1, TACAPS, VIABLE

Systems cited more than once and rated of little or no help include:

FORWRD, RPMAMOD

FORM B: NON-STANDARD SYSTEMS

Two respondents identified 1 Non-Standard Systems used for this task. WOT was cited more than once.

FORM C: HOME GROWN SYSTEMS

Five respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Manage DEP for DEH.
- Work order tracking and management.
- Transfer of data between sites.

SYSTEMS DESIRED:

Desired systems include:

- WOT-DC.
- Communications capability with other installations to share applications and for immediate exchange of information.
- Statistical Analysis software.
- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.
- ASSETS database with daily updating to feed IFS monthly, interactive with 4-PHASE.
- Downloading capability of IFS/VIABLE data to a PC.

TASK: 40 COORDINATION OF EXTERNAL ADP SYSTEMS SUPPORT

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Twenty respondents cited 16 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

ASSETS, FEMSMOD, IFDEP, VIABLE

FORM B: NON-STANDARD SYSTEMS

One respondents identified 1 Non-Standard Systems used for this task. WOT was cited.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

-Work order tracking and management.

SYSTEMS DESIRED:

Desired systems include:

-WOT-DC.

-Communications capability with other installations to share applications and for immediate exchange of information.

-Statistical Analysis software.

-ASSETS database with daily updating to feed IFS monthly, interactive with 4-PHASE.

TASK: 4P **PRODUCTIVITY IMPROVEMENT SUPPORT SERVICES**

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Ten respondents cited 7 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FEMSMOD, FORWRD

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Nine respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Work order tracking, scheduling, and management.
- Document preparation.
- Scheduling for activation/deactivation of facilities.
- Unit price estimating by planner/estimators.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 4Q LIAISON/COORDINATION FOR MANAGEMENT PROGRAMS-INTERNAL CONTROL,
QA, ARMY EFFICIENCY REVIEW PROGRAM, ETC.

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Seven respondents cited 5 Standard Systems used to accomplish this task.
Systems cited more than once and rated as helpful include:

VIABLE

Systems cited more than one and rated of little or no help include:

FEMSMOD

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Eighteen respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Work order scheduling, tracking and management.
- Service order scheduling, tracking and management.
- New work scheduling and management.
- IJO tracking and management.
- Document preparation.
- Schedule the activation/deactivation of facilities.
- Payroll cost estimates and actuals.
- Military labor & equipment processing.
- Budget office reports; i.e., COB, SOR, Utilities, recurring rentals, obligation, commitments.
- Annual work plan.

SYSTEMS DESIRED:

Desired systems include:

- Automated Annual Work Plan and Unconstrained Requirements Report.
- Obligation and commitment register system.

TASK: 4R ADMINISTER CONTRACTS WITH DELEGATED AUTHORITIES.

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

Ten respondents cited 8 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FEJE, FORWRD

FORM B: NON-STANDARD SYSTEMS

Two respondents identified 2 Non-Standard Systems used for this task. None were cited more than once.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Unit price estimating by planner/estimators.
- Contract status.

SYSTEMS DESIRED:

Desired systems include:

- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.

TASK: 4S MANAGEMENT OF INTERSERVICE SUPPORT AGREEMENTS WITHIN DEH

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited 1 Standard System used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 4T OTHER

DIVISION: ENGINEER RESOURCES MANAGEMENT DIVISION (ERM)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 5A PROJECT SCOPE DEVELOPMENT, PROJECT DESIGNS (PLANS & SPECIFICATIONS)

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

50 respondents cited 18 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

1391, ACTS, CAPCES, ECONPACK, FORWRD, PAVER, PAX, and PAXMAIL

The systems cited more than once and rated of little or no help include:

ASIP, ASSETS, FEMSMOD and RPMAMOD

FORM B: NON-STANDARD SYSTEMS

7 respondents identified six Non-Standard Systems used for this task. Only PIPER was cited more than once.

FORM C: HOME GROWN SYSTEMS

10 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Development of space requirements.
- A database of construction drawings, specifications, and contract information.
- IGAS - Interactive Graphics Analysis.
- Design Schedule Tracking System.
- Project Audit Trail (MMCAR).
- Project Status List.
- Project Scope Documentation.
- CADD for Installation Planning.
- Branch Project Lists.
- Contract Acquisition Plan.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- CADD system.
- Engineering design & analysis programs such as structural, piping analysis, electrical system modeling, etc.
- Guide specification files-Design tracking and status.
- Design program management in more detail than IFS.
- Calculating O&M costs of projects.

TASK: 5B LIAISON FOR PROJECT CONTRACT ACTIVITIES OF INSTALLATION &
DISTRICT CONTRACT SUPPORT

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

5 respondents cited 5 Standard Systems used to accomplish this task. PAXMAIL was cited more than once and rated as helpful.

No systems were cited more than once and rated of little or no help.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

7 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Design Schedule Tracking System.
- Contract status report.
- Project Audit Trail (MMCAR).
- Construction/design update report.
- CADD for Installation Master Planning.
- Contract Acquisition Plan.
- Program Status Report Plan.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- CADD.
- Engineering design and analysis systems, such as Piping analysis.
- Electrical system modeling and analysis.
- Structural analysis.
- Guide specification file.
- Design tracking.
- Estimating system, such as Means or others.

TASK: 5C INSTALLATION MASTER PLANNING

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

105 respondents cited 18 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

1391, ASIP, CAPCES, ECONPACK, PAX, and PAXMAIL

The systems cited more than once and rated of little or no help include:

ACTS, ASSETS, HQIFS, SAM, and VIABLE

FORM B: NON-STANDARD SYSTEMS

19 respondents identified four Non-Standard Systems used for this task. CADD, PIPER and 1391 were cited more than once.

FORM C: HOME GROWN SYSTEMS

12 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- DD Form 1391 Processor System.
- CADD for Installation Master Planning.
- Database of construction drawings, specifications, and contract information
- Project Audit Trail (MMCAR).
- Contract status report.
- Automated mapping/facility management.
- Computer aided mapping (automated master planning).
- IGAS - interactive graphics analysis.
- CADD.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- CADD system.
- Automated mapping.
- Digitized maps and plans.
- Automated facility and space requirements system.
- Interface with TAB and RPI.

TASK: 5D DEVELOPMENT OF MCA, MMCA, AND MCAR PROGRAMS

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

103 respondents cited 18 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

1391, ACTS, ASIP, CAPCES, ECONPACK, PAX, PAX, and PAXMAIL

The systems cited more than once and rated of little or no help include ASSETS and HQIFS.

FORM B: NON-STANDARD SYSTEMS

13 respondents identified two Non-Standard Systems used for this task. Both PIPER and 1391 were cited more than once.

FORM C: HOME GROWN SYSTEMS

11 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Bachelor housing utilization processor.
- Space requirement program.
- Computer aided mapping (automated master planning).
- IGAS - interactive graphics analysis.
- Project Audit Trail (MMCAR).
- Database of construction drawings and specifications and contract information.
- PAX/DD1391 Processor.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- Micro-1391 processor.
- Capability to track design status of MCA projects.
- MCA project database.

**TASK: 5E COORDINATION WITH DISTRICT ENGINEER ON MILCON PROJECTS DESIGN
AND EXECUTION**

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

35 respondents cited 6 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

1391, CAPCES, PAX, and PAXMAIL

No systems were cited more than once and rated of little or no help.

FORM B: NON-STANDARD SYSTEMS

2 respondents identified 2 Non-Standard Systems used for this task. Neither was cited more than once.

FORM C: HOME GROWN SYSTEMS

7 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- IGAS - interactive graphics analysis.
- Construction/design update report.
- Design schedule.
- Project Audit Trail (MMCAR).

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- Design program management system.
- Design status and tracking.
- Project tracking system.

TASK: 5F MOBILIZATION FACILITY PLANNING

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

17 respondents cited 8 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

1391, PAX and PAXMAIL

No systems were cited more than once and rated of little or no help.

FORM B: NON-STANDARD SYSTEMS

7 respondents identified three Non-Standard Systems used for this task. CADD and PIPER were cited more than once.

FORM C: HOME GROWN SYSTEMS

9 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- IGAS - interactive graphics analysis.
- Database of construction drawings, specifications, and contract information.
- Mobilization planning system.
- FADS - Facility Activation/Deactivation System.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- Mobilization Facility Planning System.
- Facility space utilization system.
- Real property accounting system.

TASK: 5G **SUPERVISION, INSPECTION AND ADMINISTRATION OF CONTRACT PROJECTS**

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

16 respondents cited 8 Standard Systems used to accomplish this task. Only the PAXMAIL system was cited more than once and rated as helpful. The systems cited more than once and rated of little or no help include:

FEMSMOD, IFDEP, IFS-1 and VIABLE

FORM B: NON-STANDARD SYSTEMS

1 respondent identified PIPER as a Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

12 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Construction/design update report.
- Contract status report.
- Project Audit Trail (MMCAR).
- Database of construction drawings, specifications, and contract information.
- Custodial contract status system.
- Construction project status system.
- Versaform - contract status application.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- Voice Activated Inspection System.
- Supervision and administration system.
- Contract tracking system.

TASK: 5H FACILITY SPACE UTILIZATION MANAGEMENT AND REPORTING

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

21 respondents cited 8 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

ASSETS and FESS

The systems cited more than once and rated of little or no help include:

RPMAMOD and VIABLE

FORM B: NON-STANDARD SYSTEMS

2 respondents identified two Non-Standard Systems used for this task:

CADD and 1391.

FORM C: HOME GROWN SYSTEMS

16 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Space utilization.
- Automated (billeting) utilization system.
- Temporary building report.
- Quarterly base data.
- Facility inspection data.
- New construction data.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- CADD system.
- Space management system.
- Space requirements capability.
- Facility utilization management system.

TASK: 5I REAL PROPERTY ACCOUNTING AND CONTROL

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

35 respondents cited 8 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

ASSETS, FESS, HQIFS, and RPMAMOD

The systems cited more than once and rated of little or no help include:

IFDEP and VIABLE

FORM B: NON-STANDARD SYSTEMS

2 respondents identified two Non-Standard Systems used for this task:

RP and SCH

FORM C: HOME GROWN SYSTEMS

12 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Space utilization.
- Contract status report.
- Work order system.
- Database of construction drawings, specifications, and contract information.
- Automated (billeting) utilization system.
- Disposal status.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- Real property micro-aid.
- Real property record management.

TASK: 5J **REAL ESTATE SERVICES: LEASES, EASEMENTS, OUTGRANTS,
ACQUISITION, DISPOSAL, ETC.**

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

11 respondents cited 6 Standard Systems used to accomplish this task.

Only the ASSETS system was cited more than once and rated as helpful.

The VIABLE system was cited more than once and rated of little or no help.

FORM B: NON-STANDARD SYSTEMS

2 respondents identified two Non-Standard Systems used for this task:

RP and SCH

FORM C: HOME GROWN SYSTEMS

5 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Automated mapping/facility management.
- CADD.
- New construction data.
- Disposal status.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- Real estate services and management system.

TASK: 5K FACILITIES PLANNING FOR REALIGNMENT OR RESTATIONING

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

17 respondents cited 11 Standard Systems used to accomplish this task.

Only the PAX system was cited more than once and rated as helpful.

The systems cited more than once and rated of little or no help include:

ACTS and ASIP

FORM B: NON-STANDARD SYSTEMS

3 respondents identified three Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

9 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

-CADD.

-Automated mapping/facility management.

-Computer aided mapping (automated master planning).

-Building utilization survey.

-Quarterly base data.

-Facility inspection data.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

-Requirements estimating system.

-Real property inventory interface.

TASK: 5L **CONSULTING ENGINEERING STUDIES AND SERVICES**

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

2 respondents cited 1 Standard System used to accomplish this task which was:

PAVER

It was rated helpful.

FORM B: NON-STANDARD SYSTEMS

3 respondents identified three Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

9 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Development of space requirements.
- A database of construction drawings, specifications, and contract information.
- IGAS - interactive graphics analysis.
- Design schedule tracking system.
- CADD.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- Engineering design and analysis programs.

TASK: SM **ENGINEERING MAPS AND PLANS**

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

2 respondents cited 2 Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

11 respondents identified three Non-Standard Systems used for this task.
PIPER and CADD were cited more than once.

FORM C: HOME GROWN SYSTEMS

5 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- IGAS - interactive graphics analysis.
- Caterier, Ezo-II (an HVAC design).
- Database for system engineering.
- Drawings, specifications, and their locations.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- CADD.
- Digitizing system.

TASK: 5N PROJECT SCOPE DEVELOPMENT, PROJECT DESIGNS (PLANS AND SPECIFICATION)

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

50 respondents cited 18 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include. The systems cited more than once and rated of little or no help include.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

2 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Design schedule.
- Program status report.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- Project tracking system.

TASK: 50 ADMINISTER CONTRACTS WITH DELEGATED AUTHORITIES

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

2 respondents cited 2 Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

2 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Construction/design update report.
- Design schedule.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- Contract tracking and management system.

TASK: 5P **TRAFFIC ENGINEERING**

DIVISION: ENGINEERING, PLANS AND SERVICES DIVISION (EPS)

RESULTS:

FORM A: STANDARD SYSTEMS

2 respondents cited 1 Standard System used to accomplish this task:

PAVER

It was rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

2 respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- IGAS - interactive graphics analysis.
- CADD.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

**TASK: 6A INITIATES REQUEST FOR ACQUISITION OF FACILITIES ENGINEERING
SUPPLIES AND MATERIALS**

DIVISION: SUPPLY AND STORAGE DIVISION (SSD)

RESULTS:

FORM A: STANDARD SYSTEMS

Fifty-three respondents cited 9 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FEJE, FESS, FORWRD, IFDEP, PROPMOD, SAILS, STANFINS, VIABLE

FORM B: NON-STANDARD SYSTEMS

One respondents identified 1 Non-Standard Systems used for this task. PB was cited.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Automation of supply requests.
- Automation of filing system.
- Task management.

SYSTEMS DESIRED:

Desired systems include:

- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.
- Interface between DOD's supply buying capability and the FE's.
- Interface with DOL.

TASK: 6B STORES AND MAINTAINS MATERIALS AND SUPPLIES

DIVISION: SUPPLY AND STORAGE DIVISION (SSD)

RESULTS:

FORM A: STANDARD SYSTEMS

Thirty-seven respondents cited 5 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FESS, IFDEP, PROPMOD, SAILS

FORM B: NON-STANDARD SYSTEMS

One respondents identified 1 Non-Standard Systems used for this task. PB was cited.

FORM C: HOME GROWN SYSTEMS

Three respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Water pollution abatement information management.
- Task management.
- Hospital management (work order tracking, inventory).

SYSTEMS DESIRED:

Desired systems include:

- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.

TASK: 6C ISSUES AND TURNS-IN MATERIALS AND EQUIPMENT

DIVISION: SUPPLY AND STORAGE DIVISION (SSD)

RESULTS:

FORM A: STANDARD SYSTEMS

Sixty-eight respondents cited 9 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FESS, IFDEP, IFS-1, PROPMOD, SAILS, STANFINS, VIABLE

FORM B: NON-STANDARD SYSTEMS

Two respondents identified 1 Non-Standard Systems used for this task. PB was cited more than once.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Task management.
- Property book management.

SYSTEMS DESIRED:

Desired systems include:

- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.
- Downloading capability of IFS/VIABLE data to a PC.

**TASK: 6D CONDUCTS DOCUMENTARY CONTROL OF FACILITIES ENGINEERING
SUPPLIES AND FUELS**

DIVISION: SUPPLY AND STORAGE DIVISION (SSD)

RESULTS:

FORM A: STANDARD SYSTEMS

Twenty-nine respondents cited 8 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FESS, IFDEP, PROPMOD, SAILS, VIABLE

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Four respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Task management.
- Property book management.
- Hospital management (inventory, work order scheduling).

SYSTEMS DESIRED:

Desired systems include:

- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.

TASK: 6E ACCOUNTS FOR DEH UNIQUE EQUIPMENT

DIVISION: SUPPLY AND STORAGE DIVISION (SSD)

RESULTS:

FORM A: STANDARD SYSTEMS

Eleven respondents cited 6 Standard Systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FESS, PROPMOD

FORM B: NON-STANDARD SYSTEMS

One respondents identified 1 Non-Standard Systems used for this task. PB was cited.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Task management.
- Property book management.

SYSTEMS DESIRED:

Desired systems include:

- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.

TASK: 6F PHYSICAL INVENTORY ACCOUNTING; ASSISTS FOR FINANCIAL INVENTORY ACCOUNTING

DIVISION: SUPPLY AND STORAGE DIVISION (SSD)

RESULTS:

FORM A: STANDARD SYSTEMS

Thirty-five respondents cited 10 systems used to accomplish this task. Systems cited more than once and rated as helpful include:

FESS, IFDEP, PROPMOD, SAILS, STANFINS, VIABLE

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Five respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Task management.
- Contract status.
- Property book management.
- Hospital management (inventory, work order scheduling).

SYSTEMS DESIRED:

Desired systems include:

- Capability to download portions of standard system, i.e., FESS and FEJE and use on independent databases and spreadsheets.

TASK: 6G ADMINISTER CONTRACTS WITH DELEGATED AUTHORITIES

DIVISION: SUPPLY AND STORAGE DIVISION (SSD)

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited 1 Standard System used to accomplish this task.

No system was cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 6H OTHER

DIVISION: SUPPLY AND STORAGE DIVISION (SSD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 7A MAINTAIN, REPAIR AND IMPROVE BUILDINGS, STRUCTURES, ROADS AND
RAILROADS, BRIDGES, DRAINAGE, SURFACED AREAS AND GROUNDS

DIVISION: BUILDINGS AND GROUNDS

RESULTS:

FORM A: STANDARD SYSTEMS

Forty respondents cited 11 systems used to accomplish this task. There were no systems cited more than once and rated as helpful.

The systems cited more than once and rated of little or no help include:

FEJE, FEMSMOD, FESS, IFDEP, IFS-1, PAVER, RPMAMDD.

FORM B: NON-STANDARD SYSTEMS

No respondents identified Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

Seven respondents cited the use of Home Grown Systems for this task. They are as follows:

- Contracts documentation and monitoring system.
- A task management system to amplify IFS and FEEMS to the sub-building level.
- Automated Mapping/Facility Management.
- Plant Data Base.
- Post Building Information Report.
- IGAS - Interactive Graphics Analysis System.
- Hospital Engineering Management System (HEMS).

SYSTEMS DESIRED:

Desired systems include:

- Piper.
- Railer.
- Roofer.
- An electronic bulletin board service.

TASK: 7B CUSTODIAL SERVICES AND PEST CONTROL SERVICES

DIVISION: BUILDINGS AND GROUNDS

RESULTS:

FORM A: STANDARD SYSTEMS

Four respondents cited two Standard Systems used to accomplish this task. There were no systems cited more than once and rated as helpful.

The systems cited more than once and rated of little or no help include:

FESS and IFDEP.

FORM B: NON-STANDARD SYSTEMS

No respondents identified Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. They are:

- Contracts documentation and monitoring will be done in a more efficient manner.
- Pest Management Tracking System.

SYSTEMS DESIRED:

Desired system includes:

- An electronic bulletin board service.

TASK: 7C MANAGEMENT OF FORESTRY, FISH, AND WILDLIFE, AND LAND
MANAGEMENT PROGRAMS

DIVISION: BUILDINGS AND GROUNDS

RESULTS:

FORM A: STANDARD SYSTEMS

Three respondents cited two Standard Systems used to accomplish this task.
FESS was the only system cited more than once and it was rated not helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Three respondents cited the use of a Home Grown System for this task. None of these systems can be described from the responses.

SYSTEMS DESIRED:

- Sportsmen checkout system to meet Fort Sill's situation. Would allow sportsmen checkout into range areas and track harvest/recreation.
- Wildlife Management Model for military installations.
- Cross check of eligible hunters and sportsmen and installation employees use.
- Biological data management for white tailed deer and warm-water fish. To perform statistical tests and automatically enter results in reports.

TASK: 7D OPERATION AND MAINTENANCE OF DEH EQUIPMENT

DIVISION: BUILDINGS AND GROUNDS

RESULTS:

FORM A: STANDARD SYSTEMS

Five respondents cited five Standard Systems used to accomplish this task. There were no systems cited more than once and rated as helpful. There were no systems cited more than once and rated of little or no help.

FORM B: NON-STANDARD SYSTEMS

No respondents identified Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

Three respondents cited the use of Home Grown Systems for this task. They are:

- A system to record daily operations and plan future REO's Projects.
- TAMMS - The Army Maintenance Management System.
- Hospital Engineering Management System (HEMS).

SYSTEMS DESIRED:

Desired systems include:

- Engineer Equipment Management - a system to inventory, track costs, maintenance schedule for engineer equipment with interface to automated fuel system and construction contracts.
- NGTTO Inventory, track costs, maintenance schedule, or engineer equipment/interface to automated fuel system construction contracts.
- Electronic bulletin board service.

TASK: 7E PACKING AND CRATING SERVICES

DIVISION: BUILDINGS AND GROUNDS

RESULTS:

FORM A: STANDARD SYSTEMS

Two respondents cited one Standard System used to accomplish this task. There were no systems cited more than once and rated as helpful.

The system cited more than once and rated of little or no help at all was RPMAMOD.

FORM B: NON-STANDARD SYSTEMS

No respondents identified Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

One respondent cited the use of Home Grown Systems for this task:

-A system to record daily operations and plan future REO's projects.

SYSTEMS DESIRED:

Desired systems include:

-An electronic bulletin board service.

TASK: 7F OPERATES SELF-HELP AND PREVENTATIVE MAINTENANCE (PM) PROGRAM

DIVISION: BUILDINGS AND GROUNDS

RESULTS:

FORM A: STANDARD SYSTEMS

Two respondents cited two Standard Systems used to accomplish this task. There were no systems cited more than once and rated as helpful.

There were no systems cited more than once and rated of little or no help.

FORM B: NON-STANDARD SYSTEMS

No respondents identified Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

Three respondents cited the use of Home Grown Systems for this task. They are:

- System to track preventative maintenance (PM) actions.
- Contracts documentation and monitoring system.
- Hospital Engineering Management System (HEMS).

SYSTEMS DESIRED:

Desired systems include:

- An electronic bulletin board service.

DIVISION: BUILDINGS AND GROUNDS

FORM A: STANDARD SYSTEMS

ASSETS, PAVER

The systems cited more than once and rated of little or no help include:

FESS, IFS-1, RPMAMOD, VIABLE

FORM B: NON-STANDARD SYSTEMS

No respondents identified Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

Seven respondents cited the use of Home Grown Systems for this task. They are:

- System to record daily operations and plan future REO's projects.
- Automated Mapping/Facility Management.
- IGAS - Interactive Graphics Analysis System.
- Hospital Engineering Management System (HEMS).
- IJO-MSO Work Order System.
- Buildings and Ground Maintenance System.
- Contract Status Report.

SYSTEMS DESIRED:

Desired systems include:

- 75

TASK: 7H SNOW REMOVAL AND ICE CONTROL

DIVISION: BUILDINGS AND GROUNDS

RESULTS:

FORM A: STANDARD SYSTEMS

Two respondents cited two Standard Systems used to accomplish this task. There were no systems cited more than once and rated as helpful.

There were no systems cited more than once and rated of little or no help.

FORM B: NON-STANDARD SYSTEMS

No respondents identified Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

One respondent cited the use of Home Grown Systems for this task:

-System to record daily operations and plan future REO's projects.

SYSTEMS DESIRED:

Desired systems include:

-An electronic bulletin board service.

TASK: 7I **ADMINISTERS CONTRACTS**

DIVISION: BUILDINGS AND GROUNDS

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

One respondent identified one non-standard system used for this task.

FORM C: HOME GROWN SYSTEMS

One respondent cited the use of Home Grown Systems for this task.

-Contracts documentation and monitoring will be done in a more efficient manner.

SYSTEMS DESIRED:

Systems desired include:

- Electronic bulletin board service.
- System for obtaining information on existing contract warrantees.

TASK: 7J PPB - MAINTENANCE AND REPAIR AND MINOR CONSTRUCTION OF
BUILDINGS AND GROUNDS, SURFACED AREAS, BRIDGES, AND RAILROADS

DIVISION: BUILDINGS AND GROUNDS

RESULTS:

FORM A: STANDARD SYSTEMS

Twelve respondents cited seven Standard Systems used to accomplish this task. The only system cited more than once and rated as helpful is PAVER.

The systems cited more than once and rated of little or no help include:

FESS, IFS-1

FORM B: NON-STANDARD SYSTEMS

Three respondents identified two Non-Standard Systems used for this task. Only Piper was cited more than once.

FORM C: HOME GROWN SYSTEMS

One respondent cited the use of Home Grown Systems for this task:

-Contract Status Report.

SYSTEMS DESIRED:

Desired systems include:

- Electronic bulletin board system.
- Piper, Railer, Roofer.
- System for obtaining current information on individual job order and contracts.

TASK: 8A OPERATE, MAINTAIN, REPAIR, IMPROVE UTILITY PLANTS AND SYSTEMS

DIVISION: UTILITIES DIVISION (UTD)

RESULTS:

FORM A: STANDARD SYSTEMS

Twenty five respondents cited 8 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

FEEMS, FEMSMOD, FESS, FORWRD, and IFDEP.

The systems cited more than once and rated of little or no help include:

FEJE, IFS-1, and VIABLE.

FORM B: NON-STANDARD SYSTEMS

No respondents cited usage of Non-Standard Systems to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Nine respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Create and maintain data bases on all physical features of an installation.
- Maintain records of utility systems installation and repair operations, and of scheduled and unscheduled electric distribution system outages.
- Process work schedule and work orders for scheduled and unscheduled maintenance and maintain an inventory of repair parts and stock items.
- System to track energy usage.
- Control and monitor electrical distribution system.
- HEMIS - Hospital Equipment Maintenance Information System.
- HEMS - Hospital Engineering Management System.
- IGAS - Interactive Graphics Analysis System.
- Post Building Information Report.

SYSTEMS DESIRED:

Desired systems include:

- Systems for automated reporting and scheduling of preventative maintenance for utility systems components.

TASK: 8B INSTALL, MAINTAIN, AND REPAIR KITCHEN EQUIPMENT

DIVISION: UTILITIES DIVISION (UTD)

RESULTS:

FORM A: STANDARD SYSTEMS

Eleven respondents cited 7 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

FEEMS, FEMSMOD, and FORWRD.

No system was cited more than once and rated as of little or no help.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Three respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Maintain data bases to provide reports concerning utility systems information for individual buildings.
- Process work schedule and work orders for scheduled and unscheduled maintenance and maintain an inventory of repair parts and stock items.

SYSTEMS DESIRED:

Desired systems include:

- Systems for automated reporting and scheduling of preventative maintenance for utility systems components.

TASK: 8C MAINTAIN, REPAIR AND CONDUCT MINOR CONSTRUCTION OF PETROLEUM,
OIL, AND LUBRICANT STORAGE AND DISPENSING SYSTEMS

DIVISION: UTILITIES DIVISION (UTD)

RESULTS:

FORM A: STANDARD SYSTEMS

Eight respondents cited 4 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

FEEMS, FEMSMOD, and FORWRD.

No system was cited more than once and rated as of little or no help.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems are used:

- To keep inventory of POL products.
- To track usage of POL products.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 8D OPERATE SOLID FUEL STORAGE SYSTEMS

DIVISION: UTILITIES DIVISION (UTD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

One respondent cited the use of Home Grown Systems for this task. It is:

-To track fuel consumption by individual buildings.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 8E OPERATE ENERGY MONITORING CONTROL SYSTEMS

DIVISION: UTILITIES DIVISION (UTD)

RESULTS:

FORM A: STANDARD SYSTEMS

Eleven respondents cited 6 Standard Systems used to accomplish this task. The only system cited more than once and rated as helpful was EFS. The systems cited more than once and rated of little or no help include:

ADDS, AES, and DEIS

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Six respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Monitor heating, ventilation, and air conditioning (HVAC) equipment.
- Control HVAC equipment as a means to prevent energy waste.
- Facilities management command center.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 8F ENERGY MANAGEMENT AS APPLIED TO FIXED FACILITIES

DIVISION: UTILITIES DIVISION (UTD)

RESULTS:

FORM A: STANDARD SYSTEMS

Thirty five respondents cited 9 Standard Systems used to accomplish this task. The only system cited more than once and rated as helpful was EFS.

The systems cited more than once and rated of little or no help include:

ADDS, AES, DDES, and DEIS

FORM B: NON-STANDARD SYSTEMS

One respondent identified one non-standard system used for this task.

FORM C: HOME GROWN SYSTEMS

Fifteen respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- Maintain records of facilities energy consumption data.
- Assist in the preparation of the Defense Energy Information System (DEIS) report.

SYSTEMS DESIRED:

Desired systems include:

- Accounting software to track energy use, cost, and reimbursement by customer.
- An automated interface between PC's and the DEIS system.

TASK: 8C PURCHASE AND SALE OF UTILITIES

DIVISION: UTILITIES DIVISION (UTD)

RESULTS:

FORM A: STANDARD SYSTEMS

Seven respondents cited 4 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

DDES and DEIS.

The only system cited more than once and rated of little or no help was ADDS.

FORM B: NON-STANDARD SYSTEMS

No respondents cited usage of Non-Standard Systems to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Five respondents cited the use of Home Grown Systems for this task. The Home Grown Systems include:

- System to record customer energy consumption.
- System to produce billings for reimbursable customers.

SYSTEMS DESIRED:

Desired systems include:

- Accounting software to track energy use, cost, and reimbursement by customer.

TASK: 8H REFUSE AND SOLID WASTE COLLECTION DISPOSAL AND RECYCLING

DIVISION: UTILITIES DIVISIONS (UTD)

RESULTS:

FORM A: STANDARD SYSTEMS

Four respondents cited four Standard Systems used to accomplish this task. None of these systems was cited more than once and all were rated of little or no help.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

One respondent cited the use of a Home Grown System for this task. It could not be described from information received.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 8I MAINTAIN AND REPAIR ELEVATOR, BUILDING CRANE AND HOIST/UTILITY
SYSTEM

DIVISION: UTILITIES DIVISION (UTD)

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited 1 Standard System used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- System to maintain an up to date record of all work orders.
- System to schedule and manage preventive maintenance programs.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 8J PLAN, PROGRAM AND BUDGET UTILITY OPERATIONS, MAINTENANCE AND
REPAIR, AND MINOR CONSTRUCTION

DIVISION: UTILITIES DIVISION (UTD)

RESULTS:

FORM A: STANDARD SYSTEMS

Thirty respondents cited 18 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

DEIS, FEMSMOD, FESS, RPMAMOD, STANFINS, and VIABLE

The systems cited more than once and rated of little or no help include:

FEJE and IFS-1.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Seven respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

- Tracking system for energy usage and costs.
- Maintenance program for inventory and current status data for all utilities system components.
- Contract status reports.
- System to maintain up to date records of all work orders and scheduling and managing of preventative maintenance programs.

SYSTEMS DESIRED:

- Contract status report.
- Automated reporting and scheduling of preventative maintenance for utility systems components.

TASK: 8K DEVELOP AND REVIEW UTILITIES PROJECTS

DIVISION: UTILITIES DIVISION (UTD)

RESULTS:

FORM A: STANDARD SYSTEMS

Eight respondents cited 5 Standard Systems used to accomplish this task. No system rated as helpful was cited more than once.

The only system cited more than once and rated of little or no help was VIABLE.

FORM B: NON-STANDARD SYSTEMS

Two respondents identified two Non-Standard Systems used to accomplish this task. No system was cited more than once.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems include:

-System to maintain a data base on all physical features of an installation .- Automated facility/mapping management.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 8L ADMINISTER UTILITIES CONTRACTS

DIVISION: UTILITIES DIVISION (UTD)

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited 1 Standard System used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

Two respondents identified two Non-Standard Systems used for this task. No system was cited more than once.

FORM C: HOME GROWN SYSTEMS

Three respondents cited the use of Home Grown Systems for this task. Home Grown Systems perform all Utility Sales Officer (USO) duties.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 9A CONDUCT FIRE PROTECTION OPERATIONAL READINESS SELF INSPECTION

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

One respondent identified a home grown system:

-A Motorola 2000 fire alarm system.

SYSTEMS DESIRED:

Respondents did not identify computer capabilities for performing this task.

TASK: 9B CONDUCT FIRE PROTECTION TRAINING PROGRAMS

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

2 respondents identified Home Grown Systems used for this task. They include:

- A system for tracking training and training expenditures.
- Manhour tracking systems.
- Fire flow on hydrants.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- Tracking training and personnel.
- Computer-aided instruction to reduce wear and tear on equipment and vehicles.
- Building data file that includes contents, location, hazardous materials, etc. for training.

TASK: 9C CONDUCT FIRE PROTECTION TRAINING OF SOLDIERS, FAMILIES AND
EMPLOYEES

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 9D CONDUCT FIRE MARSHAL PROGRAMS

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 9E CONDUCT FIRE PREVENTION INSPECTIONS

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited the use of FESS for this task.

FORM B: NON-STANDARD SYSTEMS

Three respondents cited the use of Non-Standard Systems for use in this task:

PB, RP, and VAIS.

FORM C: HOME GROWN SYSTEMS

2 respondents noted a home grown system to accomplish this task. They include:

- Family quarters fire prevention inspection program.
- Flis + BLS - inspection data schedule.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- Floor plan drawings for inspection, planning and training.
- File of building information that contains key fire protection data:
contents, hydrants, hazardous materials, inspection data, and response plans.

TASK: 9F RECEIVES AND RESPONDS TO FIRE CALLS

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

3 respondents identified to accomplish this task. They include:

- Central alarm systems.
- An incident response reporting system.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- CADD system with floor plans for each building.
- Data systems that will list out available water supply for each building, location of hazardous materials, occupancy, response routes, type of systems, etc. for use in responding to calls.

TASK: 9C

MUTUAL AID AGREEMENTS WITH MUNICIPAL, COUNTY, STATE, AND
FEDERAL AGENCIES

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 9H CONDUCT AIRCRAFT CRASH FIRE RESCUE OPERATIONS

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 9I PROVIDES INITIAL RESPONSE TO HAZARDOUS MATERIAL SPILL
SITUATIONS

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 9J INSPECTS AND TESTS FIRE PROTECTION SYSTEMS (SPRINKLERS,
ALARMS, STANDPIPES, ETC.)

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

One non-standard system was cited as used for this task:

RP.

FORM C: HOME GROWN SYSTEMS

3 respondents identified Home Grown Systems that support this task. They include:

- Hydrant flow calculation program.
- Tracking systems.
- Fire alarm systems.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- Record system for inspection, testing, replacement and maintenance of equipment.

TASK: 9K INSTALLS, MAINTAINS, AND RE-CHARGES FIRE EXTINGUISHERS

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

One respondent identified a fire extinguisher data base that supports this task.

SYSTEMS DESIRED:

Respondents suggested the following as computer capabilities for performing this task:

- CADD floor plans with extinguisher locations.
- Administrative system for fire extinguishers.

TASK: 9L CONDUCTS FIRE INVESTIGATIONS AND REPORTING

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

One respondent suggested a fire report data file to support this task.

TASK: 9M TECHNICAL REVIEW OF JOB PLANS AND ENGINEERING PROJECT DESIGNS

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

The PIPER system was cited as used for this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 9N ADMINISTERS CONTRACTS WITHIN DELEGATED AUTHORITIES

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

One respondent noted the use of PIPER for this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 90 MONITORS CONSTRUCTION AND MAINTENANCE AND REPAIR PROJECTS

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

The following Non-Standard Systems were each cited once:

PIPER, RP, SCH, and WOT.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 9P MONITORS ALARMS (FIRE, COLD STORAGE, ETC.)

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

4 respondents cited Home Grown Systems for this task. They include:

- Matora _____ 2000 fire alarm system.
- Monaco fire alarm system.
- Central alarm notification system.
- Facilities Management Command Center.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 9Q PERFORMS NIGHT, WEEKEND, AND HOLIDAY WORK RECEPTION

DIVISION: FIRE PROTECTION DIVISION (FPD)

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10A EXECUTIVE MANAGEMENT OF INSTALLATION HOUSING FUNCTIONS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Six respondents cited 5 Standard Systems to accomplish this task.

No system was cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

One respondents cited the use of Home Grown Systems for this task. Home Grown Systems included:

-System for reservation, rank listing of tenants, and number of vacant rooms available.

SYSTEMS DESIRED:

Desired systems include:

- Property book microcomputer aid.
- Housing annual work plan and 5 year plan.
- Linking divisions for ease of transmission of files.
- Link to ERMD by modem, for MSO's TSO's to speed transmission and automate files.
- Homes to automate all housing requirements.

TASK: 10B PLANS, PROGRAMS AND EXECUTES HOUSING OPERATIONS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Five respondents cited 5 Standard Systems used to accomplish this task.

No system was cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- A SIDPERS loss roster interface with HIMS.
- System for reservation, rank listing of tenants, and number of vacant rooms available.

SYSTEMS DESIRED:

Desired systems include:

- Access to the full range of management functions i.e., assignments, terminations, appointment scheduling, maintenance, record keeping, status reports, occupant rosters, and required DA housing reports under HOMES.
- Link to ERMD by modem, for MSO's TSO's to speed transmission and automate files.
- HOMES to automate all housing requirements, management, HM/HW tracking, word processing, SPCC plan development and updating capabilities.

TASK: 10C FORMULATES LOCAL POLICIES AND PROCEDURES

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Five respondents cited five Standard Systems used to accomplish this task.

No systems were cited more than once and rated of little or no help.

FORM B: NON-STANDARD SYSTEMS

Two respondents identified 2 Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10D DETERMINES HOUSING REQUIREMENTS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Eight respondents cited 4 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

ASIP

FORM B: NON-STANDARD SYSTEMS

One respondent identified 1 Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

One respondent cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

-SIDPERS loss roster interface with HIMS.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10E DEVELOPS ANNUAL AND LONG RANGE PROGRAMS FOR CONSTRUCTION,
UTILIZATION, OPERATION, MAINTENANCE AND REPAIR OF HOUSING
ASSETS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Thirteen respondents cited 10 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

1391, ECONPACK, PAXMAIN

FORM B: NON-STANDARD SYSTEMS

Three respondents identified 3 Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- A family housing building info report.
- Contract status report.

SYSTEMS DESIRED:

Desired systems include:

- File of the annual work plan with changes.
- Long range work plan to include bachelor office quarters (BOQs) as a separate section.
- Program that captures budget preparation, formation, and process.

TASK: 10F ADVISES THE COMMANDER OF HOUSING ACTIVITIES ON- AND OFF-POST

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited 1 Standard Systems used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10G DETERMINES AVAILABILITY AND SOLICITING HOUSING ASSETS FROM
LOCAL COMMUNITIES

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited 1 Standard System used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

**TASK: 10H MANAGES AND OPERATES SENIOR ENLISTED AND OFFICER UNACCOMPANIED
PERSONNEL HOUSING**

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited 1 Standard System used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

Three respondents identified 3 Non-Standard Systems used for this task. Only HSCH was cited more than once.

FORM C: HOME GROWN SYSTEMS

One respondent cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

-System for reservation, rank listing of tenants, and number of vacant rooms available.

SYSTEMS DESIRED:

Desired systems include:

-Access of the full range of maintenance functions, i.e., assignments, terminations, appointment scheduling, maintenance, record keeping, status reports, occupant rosters, and required DA housing reports under HOMES.

TASK: 101 SUPERVISES UTILIZATION OF TROOP BILLETS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents identified any Standard Systems used to accomplish this task.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- FADS - Facility Activation/Deactivation System.
- System for reservation, rank listing of tenants, and number of vacant rooms available.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10J MANAGES FURNISHINGS OPERATIONS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Two respondents cited 2 Standard Systems used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

One respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

-A system to provide an updated print out periodically to update and maintain control of al serial numbered items for each set of quarters.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10K MANAGES AND OPERATES GUEST HOUSING & SHORT-TERM LODGING

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited 1 Standard Systems used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

One respondent cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

-System for reservation, rank listing of tenants, and number of vacant rooms available.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

**TASK: 10M PLANS, PROGRAMS AND EXECUTES HOUSING NON-APPROPRIATED FUND
ACTIVITIES IN COORDINATION WITH THE INSTALLATION CENTRALIZED
NON-APPROPRIATED FUND**

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Two respondents cited 1 Standard System used to accomplish this task. The system cited more than once and rated as helpful include:

NAFISS

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Desired systems include:

-A program that captures supply - expendable/nonexpendable and non-appropriated funds (NAF) and appropriated funds of the branches and Ft. Lee appropriates real property of the "BROWCES".

TASK: 10W MANAGES HOUSING REFERRAL SERVICES

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited 1 Standard System used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10P CONDUCTS HOUSING ECONOMIC AND MARKET ANALYSES, AND REQUIREMENT
SURVEYS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Four respondents cited 4 Standard Systems used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10S DETERMINES ELIGIBILITY FOR GOVERNMENT HOUSING

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Three respondents cited 3 Standard Systems used to accomplish this task.

No systems were cited more than once and rated as helpful.

One system was cited more than once and rated of little or no help:

HIMS

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10T ASSIGNS AND TERMINATES OCCUPANCY IN FAMILY, UNACCOMPANIED
PERSONNEL, TRANSIENT HOUSING, GUEST QUARTERS AND GOVERNMENT
OWNED TRAILERS AND TRAILER PADS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Nine respondents cited 2 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

HIMS, VIABLE

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Desired systems include:

-A housing reservation system.

TASK: 10U MONITORS AND REPORTS UTILIZATION OF ALL HOUSING ASSETS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Eight respondents cited 2 Standard Systems used to accomplish this task. The systems cited more than once and rated as helpful include:

HIMS

The system cited more than once and rated of little or no help included:

VIABLE

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Desired systems include:

- Program for all quarters to show up-to-date expenditures so that the 15K major maintenance and repair, 2K improvement and 25K total expense per unit per fiscal year is not exceeded without headquarters approval.
- Program that captures budget preparation, formation, and process.

TASK: 10W MAINTAINS AND APPOINTS AREA AND SUB-AREA COORDINATORS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Two respondents cited 1 Standard System used to accomplish this task. The system cited more than once and rated as helpful include:

VIABLE

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10X OPERATES HOUSING OPERATIONS MAINTENANCE SYSTEM (HOMES) AND
OTHER HOUSING SYSTEMS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Two respondents cited 2 Standard Systems used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

**TASK: 10AA DEVELOPS, IN COORDINATION WITH OTHER DEH STAFF ORGANIZATIONS,
PRIORITIES AND GUIDANCE FOR OPERATIONS, MAINTENANCE, REPAIR
AND IMPROVEMENTS TO GOVERNMENT OWNED AND CONTROLLED FAMILY
HOUSING**

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Six respondents cited 6 Standard Systems used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

One respondent identified 1 Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- A contract status reporting system.
- Job order request/individual job lists.

SYSTEMS DESIRED:

Desired systems include:

- Program for all quarters to show up-to-date expenditures so that the 15 major maintenance and repair, 2K improvement and 25K total expense per unit per fiscal year is not exceeded without headquarters approval.

TASK: 10AB . MONITORS FAMILY HOUSING SERVICE ORDERS AND WORK ORDERS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Four respondents cited 3 Standard Systems used to accomplish this task.

No systems were cited more than once and rated as helpful.

The system cited more than once and rated of little or no help included:

IFS-1

FORM B: NON-STANDARD SYSTEMS

One respondent identified 1 Non-Standard Systems used for this task.

FORM C: HOME GROWN SYSTEMS

Two respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

- An integrated data base for MCA, OMA, IJO, construction, plans/specs received, QA, service order completed by contractor, A & E data, word processing, graphics, scheduling, spreadsheet, installed equipment, develop in-house estimates used for negotiations of contract modifications.
- Job order request/individual job listing.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10AC ISSUES CERTIFICATES OF NON-AVAILABILITY OF ALL GOVERNMENT
HOUSING

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents cited Standard Systems used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

One respondent identified 1 Non-Standard Systems used for this task.

No system was cited more than once and rated as helpful.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10AD PLANS, PROGRAMS, AND OPERATES CONTROL, STORAGE, HANDLING,
DISTRIBUTION AND MAINTENANCE, AND REPAIR OF HOUSING QUARTERS
FURNISHINGS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

One respondent cited 1 Standard System used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Desired systems include:

-A program that captures supply - expendable/nonexpendable and non-appropriated funds (NAF) and appropriated funds of the branches and Ft. Lee appropriates real property of the "BROWCES".

TASK: 10AE MANAGES AND MAINTAINS PROPERTY BOOKS FOR FAMILY, GUEST,
UNACCOMPANIED PERSONNEL, AND SHORT TERM HOUSING FURNISHINGS

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

Four respondents cited 4 Standard Systems used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

One respondents cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

-Property book management stand alone system.

SYSTEMS DESIRED:

Desired systems include:

-Property book micro computer aid.

TASK: 10AF ADMINISTERS THE INSTALLATION'S HOUSING MANAGEMENT CAREER
PROGRAM

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

No respondent cited Standard Systems used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

Respondents did not identify any Home Grown Systems that support this task.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

TASK: 10AF ADMINISTERS CONTRACTS WITHIN DELEGATED AUTHORITIES, INCLUDING
CONDUCT OF QA SURVEILLANCE/EVALUATION OF CONTRACTOR
PERFORMANCE

DIVISION: HOUSING DIVISION

RESULTS:

FORM A: STANDARD SYSTEMS

No respondents cited Standard Systems used to accomplish this task.

No systems were cited more than once and rated as helpful.

FORM B: NON-STANDARD SYSTEMS

No respondents identified any Non-Standard Systems used to accomplish this task.

FORM C: HOME GROWN SYSTEMS

One respondent cited the use of Home Grown Systems for this task. Home Grown Systems do the following:

-An integrated data base for MCA, OMA, IJO, construction, plans/specs received, QA, service order completed by contractor, A & E data, word processing, graphics, scheduling, spreadsheet, installed equipment, develop in-house estimates used for negotiations of contract modifications.

SYSTEMS DESIRED:

Respondents did not suggest computer capabilities for performing this task.

USA-CERL DISTRIBUTION

Chief of Engineers
ATTN: CERD-L

EHSC 22080
ATTN: CEHSC-F

TRADOC

Ft Hill, VA 22427
ATTN: ATZM-FHE
Ft Belvoir, VA 22060
ATTN: ATZA-DEH
Ft Benning, GA 31905
ATTN: ATZB-EH
Ft Bliss, TX 79916
ATTN: ATZC-DEH
Carlisle Barracks, PA 17013
ATTN: ATZE-DE
Ft Chaffee, AR 72905
ATTN: ATZR-ZF
Ft Dix, NJ 08640
ATTN: ATZD-EHZ
Ft Eustis, VA 23604
ATTN: ATZE-EH
Ft Gordon, GA 30905
ATTN: ATZH-FE
Ft Hamilton, NY 11252
ATTN: ATZD-FHE
Ft Ben Harrison, IN 46216
ATTN: ATZI-FE
Ft Jackson, SC 29207
ATTN: ATZJ-EH
Ft Knox, KY 40121
ATTN: ATZK-EH
Ft Leavenworth, KS 66027
ATTN: ATZL-TEH
Ft Lee, VA 23801
ATTN: ATZM-E
Ft Leonard Wood, MO 65473
ATTN: ATZT-DEH
Ft McClellan, AL 36205
ATTN: ATZN-FE
Ft Monroe, VA 23451
ATTN: ATZO-EH
Ft Pickett, VA 23824
ATTN: ATZM-FPE
Ft Rucker, AL 36362
ATTN: ATZQ-EH
Ft Sill, OK 73503
ATTN: ATZR-E
Ft Story, VA 23459
ATTN: ATZF-FE

FORSCOM

Ft Bragg, NC 28307
ATTN: ATZA-DE
Ft Campbell, KY 42223
ATTN: AFZB-DEH
Ft Carson, CO 80913
ATTN: AFZC-FE
Ft Devens, MA 01433
ATTN: AFZD-FE
Ft Drum, NY 13601
ATTN: AFZS-EH
Ft Greely, AK 98733
ATTN: AFZT-FE
Ft Hood, TX 76544
ATTN: AFZF-DE
Ft Lewis, WA 98433
ATTN: AFZH-FE
Ft MacArthur, CA 90731
ATTN: ATTN: DEH
Ft McCoy, WI 54656
ATTN: AFZR-FE
Ft McPherson, GA 30336
ATTN: AFZK-EH
Ft Meade, MD 20755
ATTN: AFZI-FE

Ft Ord, CA 93941
ATTN: AFZW-EH
Ft Polk, AL 71459
ATTN: AFZX-FE
Ft Richardson, AK 99505
ATTN: AFZT-FE
Ft Riley, KS 66442
ATTN: AFZN-FE
Presidio of San Francisco 94129
ATTN: AFZM-FE
Ft Sheridan, IL 60037
ATTN: AFZO-FE
Ft Stewart, GA 31313
ATTN: AFZP-DE
Ft Wainwright, AK 98731
ATTN: AFZT-FE
Ft Hunter, GA 31313
ATTN: AFZP-DEH
Ft Irwin, CA 92310
ATTN: AFZJ-FE

AMC

McAlester Ammunition Plant 74501
ATTN: SMCMC-ISF
Pine Bluff Arsenal 71601
ATTN: SMCPC-FE
Rock Island Arsenal 61201
ATTN: SMCRI-FE
Rocky Mountain Arsenal 80240
ATTN: SMCRM-ISF
Watervliet Arsenal 12189
ATTN: SMCWV-EH
Ft Monmouth, NJ 07703
ATTN: AMSEL-HI
ATTN: SHLHI-EH
Redstone Arsenal, AL 35809
ATTN: AMSMI-RA-FE
Selfridge Air Natl Guard, MI 48046
ATTN: AMSTA-XYN
Warren, MI 48089
ATTN: AMSTA-XWEP
Aberdeen Proving Gd, MD 21005
ATTN: STEAP-FE
Dugway, UT 84022
ATTN: STEDP-FE
Madison, IN 47250
ATTN: STEJP-LD-F
White Sands, NM 88022
ATTN: STEWS-IS-E
Yuma, AZ 85364
ATTN: STEYP-FE
Chambersburg, PA 17201
ATTN: SD8LE-SF
Anniston, AL 36201
ATTN: SD8AN-DAS-FE
Corpus Christi, TX 78419
ATTN: SD8CC-EF
Lexington, KY 40507
ATTN: SD8LB-LAF
New Cumberland, PA 17070
ATTN: SD8NC-AF
Pueblo, CO 81001
ATTN: SD8TE-PUA-F
Texarkana, TX 75501
ATTN: SD8RR-AE
Sacramento, CA 95813
ATTN: SD8SA-ACC
Savanna Army Depot 61074
ATTN: SD8LE-VAE
Lathrop, CA 95330
ATTN: SD8SH-APE-C
Romulus, NY 14541
ATTN: SD8SE-AD
Hurlong, CA 96113
ATTN: SD8SH-FE

Tobyhanna, PA 18466
ATTN: SDSTO-AF
Tooele, UT 84074
ATTN: SDSTE-ASF
Flagstaff, AZ 86001
ATTN: AZND-DAS-FE
Hermiston, OR 97838
ATTN: SDSTE-UA-AS-FE
Tank-Auto Cmd
ATTN: AMSTA-XE
Dover, NJ 07801
ATTN: SMCAR-ISE
Natick, MA 01760
ATTN: STRNC-DF
Granite City, IL 62040
ATTN: SAVAS-IF-C
Watertown, MA 02172
ATTN: AMXMR-T
Adelphi, MD 02172
ATTN: SLCIS-FE-ES

Defense Technical Info. Center 22314
ATTN: DDA (2)

85
05/88

END

DATE

FILMED

9-88

DTIC